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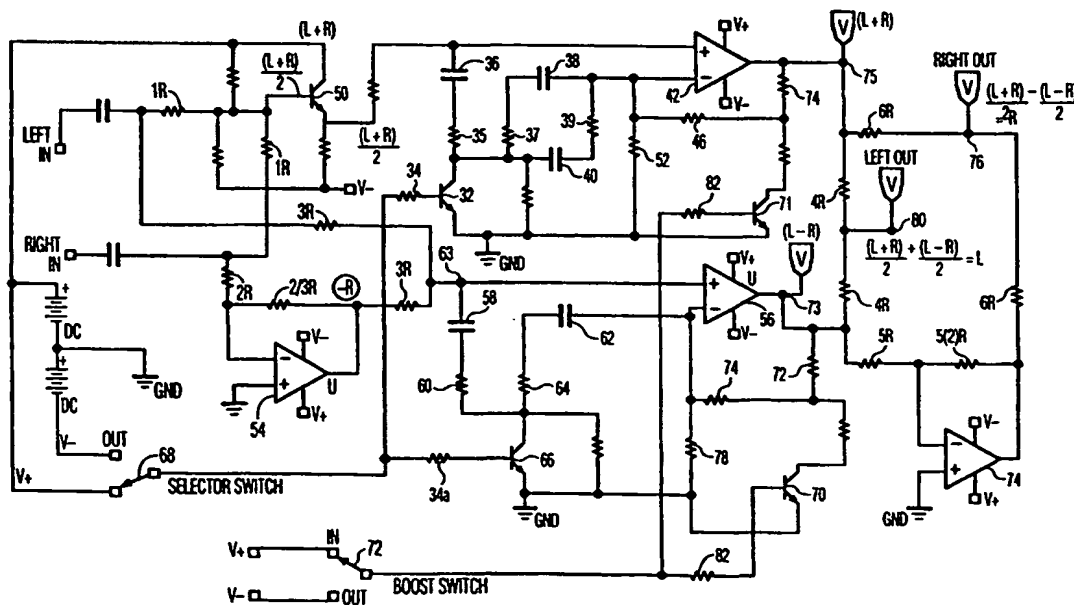
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(54) Title: A STEREOPHONIC SPATIAL EXPANSION CIRCUIT WITH TONAL COMPENSATION AND ACTIVE MATRIXING



## (57) Abstract

In a stereophonic expansion circuit, the (L+R) sum signal is spectrally modified by increasing the bass and treble frequencies relative to the midrange so as to compensate for a midrange frequency boost in the (L-R) difference signal. The stereophonic expansion effect and manipulation of the signal parameters are produced by active matrixing amplifiers.